

```

EEEEEEEEEEEEEEEEEE DDDDDDDDDDDDDDD TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEEEE DDDDDDDDDDDDDDD TTTTTTTTTTTTTTTT
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EEEEEEEEEEEEEEEEEE DDDDDDDDDDDDD

```

**EXI**

Mod

[illegible]

```
SSSSSSSS  CCCCCCCC  RRRRRRRR  DDDDDDDD  EEEEEEEEEE  LL  EEEEEEEEEE  TTTTTTTTTT  EEEEEEEEEE
SSSSSSSS  CCCCCCCC  RRRRRRRR  DDDDDDDD  EEEEEEEEEE  LL  EEEEEEEEEE  TTTTTTTTTT  EEEEEEEEEE
SS  CC  RR  DD  EE  LL  EE  TT  EE
SS  CC  RR  DD  EE  LL  EE  TT  EE
SS  CC  RR  DD  EE  LL  EE  TT  EE
SSSSSS  CC  RRRRRRRR  DD  DD  EE  LL  EEEEEEEE  TT  EEEEEEEE
SSSSSS  CC  RRRRRRRR  DD  DD  EE  LL  EEEEEEEE  TT  EEEEEEEE
SS  CC  RR  RR  DD  DD  EE  LL  EE  TT  EE
SS  CC  RR  RR  DD  DD  EE  LL  EE  TT  EE
SS  CC  RR  RR  DD  DD  EE  LL  EE  TT  EE
SSSSSSSS  CCCCCCCC  RR  RR  DDDDDDDD  EEEEEEEEEE  LLLLLLLLLL  EEEEEEEEEE  TT  EEEEEEEEEE
SSSSSSSS  CCCCCCCC  RR  RR  DDDDDDDD  EEEEEEEEEE  LLLLLLLLLL  EEEEEEEEEE  TT  EEEEEEEEEE

LL  IIIIII  SSSSSSSS
LL  IIIIII  SSSSSSSS
LL  II  SS
LL  II  SS
LL  II  SS
LL  II  SSSSSS
LL  II  SSSSSS
LL  II  SS
LL  II  SS
LL  II  SS
LL  II  SS
LLLLLLLLLL  IIIIII  SSSSSSSS
LLLLLLLLLL  IIIIII  SSSSSSSS
```

```
0001 0 %TITLE 'EDT$SCRDELETE - delete lines from the screen'
0002 0 MODULE EDT$SCRDELETE ( ! Delete lines from the screen
0003 0 IDENT = 'V04-000' ! File: SCRDELETE.BLI Edit: JBS1014
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
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0025 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0026 1 *
0027 1 *
0028 1 *****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 This module updates the screen when a line terminator
0037 1 has been deleted.
0038 1
0039 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0040 1
0041 1 AUTHOR: Bob Kushlis, CREATION DATE: September 8, 1979
0042 1
0043 1 MODIFIED BY:
0044 1
0045 1 1-001 - Original. DJS 12-Feb-1981. This module was created by
0046 1 extracting the routine EDT$SC_DELLN from module SCREEN.
0047 1 1-002 - regularize headers. JBS 13-Mar-1981
0048 1 1-003 - Update EDT$G_LN_ONSCR correctly. JBS 10-Jul-1981
0049 1 1-004 - Improve the comments. JBS 24-Sep-1981
0050 1 1-005 - Change boundary check to catch EDT$G_LN_NO = 0. SMB 8-Mar-1982
0051 1 1-006 - Check a new flag for availability of scrolling regions. JBS 31-Aug-1982
0052 1 1-007 - Modify to use new screen update logic. SMB 21-Aug-1982
0053 1 1-008 - Modify to use new 48 bit macros. SIS 01-Oct-1982
0054 1 1-009 - Remove references to L_CUR_SCRLN. SMB 04-Oct-1982
0055 1 1-010 - Change EDT$G_SCR_CHGD to EDT$G_SCR_REBUILD. JBS 09-Oct-1982
0056 1 1-011 - Clean up the left-over globals. SMB 10-Oct-1982
0057 1 1-012 - Update L_CUR_SCRLN and remove SCR_REBUILD. SMB 13-Oct-1982
```



EDT\$SCRDELETE  
V04-000

EDT\$SCRDELETE - delete lines from the screen

F 14  
16-Sep-1984 01:31:49  
14-Sep-1984 12:24:23

VAX-11 Bliss-32 V4.0-742  
[EDT.SRC]SCRDELETE.BLI;1

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(1)

: 58  
: 59  
: 60  
: 61  
0058 1 | 1-013 - Don't rebuild the screen after deleting a line. JBS 23-Oct-1982  
0059 1 | 1-014 - Change the call to EDT\$SMRK\_LNCHG. JBS 27-Dec-1982  
0060 1 | --  
0061 1 |

EDT\$SCRDELETE  
V04-000

EDT\$SCRDELETE - delete lines from the screen  
Declarations

G 14  
16-Sep-1984 01:31:49  
14-Sep-1984 12:24:23

VAX-11 Bliss-32 V4.0-742  
[EDT.SRC]SCRDELETE.BLI;1

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(2)

```

63      0062 1 %SBTTL 'Declarations'
64      0063 1
65      0064 1 | TABLE OF CONTENTS:
66      0065 1 |
67      0066 1 |
68      0067 1 REQUIRE 'EDTSRC:TRAROUNAM';
69      0506 1
70      0507 1 FORWARD ROUTINE
71      0508 1     EDT$SC_DELLN : NOVALUE;
72      0509 1
73      0510 1 |
74      0511 1 | INCLUDE FILES:
75      0512 1 |
76      0513 1 |
77      0514 1 REQUIRE 'EDTSRC:EDTREQ';
78      0649 1
79      0650 1 |
80      0651 1 | MACROS:
81      0652 1 |
82      0653 1 |     NONE
83      0654 1 |
84      0655 1 | EQUATED SYMBOLS:
85      0656 1 |
86      0657 1 |     NONE
87      0658 1 |
88      0659 1 | OWN STORAGE:
89      0660 1 |
90      0661 1 |     NONE
91      0662 1 |
92      0663 1 | EXTERNAL REFERENCES:
93      0664 1 |
94      0665 1 |     In the routine
```

EDT\$SCRDELETE  
VO4-000

EDT\$SCRDELETE - delete lines from the screen  
EDT\$SC\_DELLN - delete lines from the screen

H 14  
16-Sep-1984 01:31:49  
14-Sep-1984 12:24:23

VAX-11 Bliss-32 V4.0-742  
[EDT.SRC]SCRDELETE.BLI;1

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```

96 0666 1 XSBTTL 'EDT$SC_DELLN - delete lines from the screen'
97 0667 1
98 0668 1 GLOBAL ROUTINE EDT$SC_DELLN ! Delete lines from the screen
99 0669 1 : NOVALUE =
100 0670 1
101 0671 1 ++
102 0672 1 FUNCTIONAL DESCRIPTION:
103 0673 1
104 0674 1 This routine is called when a line terminator has been deleted.
105 0675 1 The screen record pointers are updated and the line is marked
106 0676 1 for delete.
107 0677 1
108 0678 1 FORMAL PARAMETERS:
109 0679 1
110 0680 1 NONE
111 0681 1
112 0682 1 IMPLICIT INPUTS:
113 0683 1
114 0684 1 EDT$SA_CUR_BUF
115 0685 1 EDT$SA_SCR_BUF
116 0686 1
117 0687 1 IMPLICIT OUTPUTS:
118 0688 1
119 0689 1 EDT$SL_CUR_SCRLN
120 0690 1
121 0691 1 ROUTINE VALUE:
122 0692 1
123 0693 1 NONE
124 0694 1
125 0695 1 SIDE EFFECTS:
126 0696 1
127 0697 1 NONE
128 0698 1
129 0699 1 --
130 0700 1
131 0701 2 BEGIN
132 0702 2
133 0703 2 EXTERNAL ROUTINE
134 0704 2 EDT$MRK_LNCHG : NOVALUE; ! Track line updates
135 0705 2
136 0706 2 EXTERNAL
137 0707 2 EDT$SL_CUR_SCRLN : LN_BLOCK, ! Current screen record
138 0708 2 EDT$SA_CUR_BUF : REF TBCB_BLOCK, ! The current buffer tbc.
139 0709 2 EDT$SA_SCR_BUF : REF TBCB_BLOCK; ! Current screen buffer
140 0710 2
141 0711 2 LOCAL
142 0712 2 VALUE1,
143 0713 2 VALUE2;
144 0714 2
145 0715 2 IF (.EDT$SA_SCR_BUF NEQA .EDT$SA_CUR_BUF) THEN RETURN;
146 0716 2
147 0717 2 EDT$MRK_LNCHG (SCR_EDIT_DELLN, 0);
148 0718 2
149 0719 2 IF (CMPLNO (EDT$SA_CUR_BUF [TBCB_CUR_LIN], EDT$SL_CUR_SCRLN) LSS 0) !
150 0720 2 THEN
151 0721 2 SUBLINE (NUMBER_ONE, EDT$SL_CUR_SCRLN);
152 0722 2
```



EDT\$SCRDELETE  
V04-000

EDT\$SCRDELETE - delete lines from the screen  
EDT\$SSC\_DELLN - delete lines from the screen

I 14  
16-Sep-1984 01:31:49  
14-Sep-1984 12:24:23

VAX-11 Bliss-32 V4.0-742  
[EDT.SRC]SCRDELETE.BLI;1

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: 153

0723 1 END;

! of routine EDT\$SSC\_DELLN

;

.TITLE EDT\$SCRDELETE EDT\$SCRDELETE - delete lines from  
the screen

.IDENT \V04-000\

.EXTRN EDT\$MRK LNCHG, EDT\$SL\_CUR\_SCRLN  
.EXTRN EDT\$SA\_CUR\_BUF, EDT\$SA\_SCR\_BUF

.PSECT \_EDT\$CODE, NOWRT, SHR, PIC, 2

.ENTRY EDT\$SSC\_DELLN, Save R2, R3

MOVAB EDT\$SA\_CUR\_BUF, R3

MOVAB LOW 2, R2

CMPL EDT\$SA\_SCR\_BUF, EDT\$SA\_CUR\_BUF

BNEQ 5\$

MOVQ #4, -(SP)

CALLS #2, EDT\$MRK LNCHG

ADDL3 #6, EDT\$SA\_CUR\_BUF, R0

MOVZWL HIGH 2, R1

CMPL 4(R0), R1

BLSSU 1\$

BNEQ 3\$

MOVL LOW 2, R1

CMPL (R0), R1

BGEQU 2\$

MNEGL #1, R0

BRB 4\$

BNEQ 3\$

CLRL R0

BRB 4\$

MOVL #1, R0

BGEQ 5\$

MOVL FIRST\_WORD, SAVE

DECL FIRST\_WORD

CMPL FIRST\_WORD, SAVE

BLEQU 5\$

DECW NEXT\_WORD

RET

: 0668

: 0715

: 0717

: 0719

: 0721

: 0723

; Routine Size: 89 bytes, Routine Base: \_EDT\$CODE + 0000

: 154

0724 1

: 155

0725 1 !<BLF/PAGE>

EDT\$SCRDELETE  
V04-000

EDT\$SCRDELETE - delete lines from the screen  
EDT\$SC\_DELLN - delete lines from the screen

J 14  
16-Sep-1984 01:31:49  
14-Sep-1984 12:24:23

VAX-11 Bliss-32 V4.0-742  
[EDT.SRC]SCRDELETE.BLI;1

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: 157 0726 1 END  
: 158 0727 1  
: 159 0728 0 ELUDOM

! of module EDT\$SCRDELETE

# PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	89	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

# Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	33	8	40	00:00.2
_\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

# COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:SCRDELETE/OBJ=OBJ\$:SCRDELETE MSRC\$:SCRDELETE.BLI/UPDATE=(ENH\$:S  
CRDELETE)

: Size: 89 code + 0 data bytes  
: Run Time: 00:11.6  
: Elapsed Time: 00:14.0  
: Lines/CPU Min: 3775  
: Lexemes/CPU-Min: 13109  
: Memory Used: 85 pages  
: Compilation Complete



0138

AH-BT13A-SE  
VAX/VMS V4.0

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